

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 10338111
PUBLICATION DATE : 22-12-98

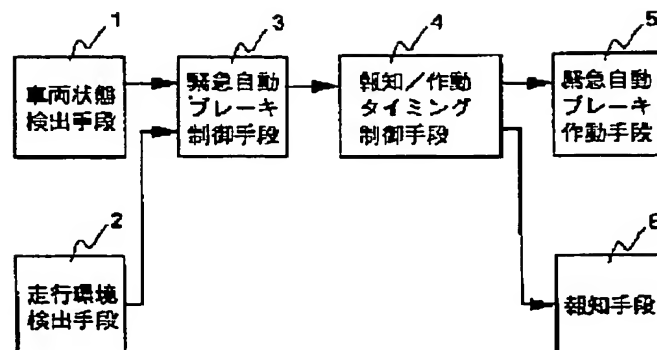
APPLICATION DATE : 05-06-97
APPLICATION NUMBER : 09147972

APPLICANT : HITACHI LTD;

INVENTOR : MINOWA TOSHIMICHI;

INT.CL. : B60T 7/12 B60K 28/06 B60R 21/00
B60R 22/46 G01S 13/93

TITLE : EMERGENCY AUTOMATIC BRAKING
DEVICE



ABSTRACT : PROBLEM TO BE SOLVED: To sufficiently maintain safety at the time of an emergency automatic brake operation.

SOLUTION: An emergency automatic brake control means 3 judges whether to operate an emergency automatic brake on the basis of vehicle state data detected by a vehicle state detecting means 1 and travel environment data detected by a travel environment detecting means 2. In case of judging to operate the emergency automatic brake, an informing/operating timing control means 4 outputs a command to inform to that effect and then outputs a command to operate the emergency automatic brake at timing after the lapse of predetermined specified time. Upon such an occasion that the emergency automatic brake is to be operated, since the brake of a vehicle is applied after the effect is informed by an informing means 6, occupants including a driver can know in advance that the emergency automatic brake will be applied. As a result, the occupants can calmly cope with strong inertia caused by the emergency automatic brake and stand on guard even in case of a collision. Damage can therefore be suppressed to a minimum.

COPYRIGHT: (C)1998,JPO